

PART OF PAPER #3

PTO/SB/08A (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Supplement to form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 7

Application Number	09/903249
Filing Date	July 11, 2001
First Named Inventor	Gregory S. Duncan et al.
Group Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	VTN 0546

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
TNN		5,793,633		Naguchi et al.	08/11/1998	1,4,5, 10, 13-16, 23, 25-27, 32, 33, 35, 36
		5,378,229		Parsons et al.	01/03/1995	1-8, 10, 13-20, 23, 25-33, 35-37, 39, 40
		5,636,750		Heyl	06/10/1997	11, 12, 24
		4,813,847		De Vries	03/21/1989	1, 25, 34, 37, 38
		4,679,149		Merz	07/07/1987	1, 25, 37
		4,189,273		Soderstrom, et al.	02/19/1980	
		4,452,658		Schramm	06/05/1984	
		4,518,302		Knapp	05/21/1985	
		4,745,672		Sealey et al.	05/24/1988	
		4,958,280		Pauly et al.	09/18/1990	
		5,106,180		Marie et al.	04/21/1992	
TNN		5,214,453		Giovanzana	05/25/1993	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

Examiner  
Signature

*Erin M. Nguyen*

Date  
Considered


6/16/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> 	Docket No.	Serial No.
	VTN-0546	09/903249
	Applicant	
	Gregory S. Duncan et. al.	
	Filing Date	Group Art Unit
	July 11, 2001	n/a

## U.S. PATENT DOCUMENTS

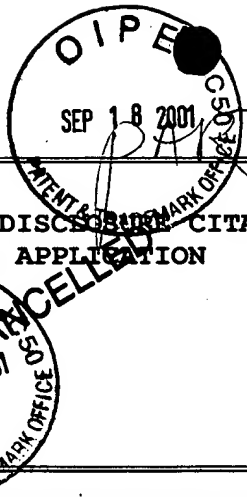
Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	5,310,997	5/10/1994	Roach et al.	I	I	
	5,322,406	6/21/1994	Pippin et al.	I	I	
	5,434,394	7/18/1995	Roach et al.	I	I	
	5,468,110	11/21/1995	McDonald et al.	I	I	
	5,568,393	10/22/1996	Ando et al.	I	I	
	5,712,989	6/27/1998	Johnson et al.	I	I	
	5,880,443	3/09/1999	McDonald et al.	I	I	
	5,464,289	11/07/1995	Beaudry	I	I	
TNN	5,483,653	01/09/1996	Furman	I	I	

## FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


Examiner:	<i>Tran Nguyen</i>	Date Considered	6/16/03
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			



PART OF PAPER #3

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Docket No. VTN-0546	Serial No. 09/903249
	Applicant Gregory S. Duncan et. al.	
	Filing Date July 11, 2001	Group Art Unit n/a

U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	5,518,329	05/21/1996	Beaudry	I	I	
	5,565,059	10/15/1996	Edwards, et al.			
	5,661,948	09/02/1997	Odenthal			
	5,715,381	02/03/1998	Hamilton			
	5,776,297	07/07/1998	Edwards et al.			
	5,892,892	04/06/1999	Popat el al.			
	6,088,710	07/11/2000	Dreyer et al.			
	4,008,032	02/15/1977	Pahl			
TNN	4,728,784	03/01/1988	Stewart	I	I	

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


Examiner: <i>Evan Nguyen</i>	Date Considered 6/16/03
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Docket No.

VTN-0546

Serial No.

09/903249

Applicant

Gregory S. Duncan et. al.

Filing Date

July 11, 2001

Group Art Unit

n/a

## U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	4,793,262	12/27/1988	Horn	I	I	
	4,921,205	05/01/1990	Drew, Jr. et al.	I	I	
	5,171,120	12/15/1992	Bernard, II et al.	I	I	
	5,271,703	12/21/1993	Lindqvist et al.	I	I	
	5,315,508	05/24/1994	Bain et al.	I	I	
	5,363,310	11/08/1994	Haj-Ali-Ahmadi et al.	I	I	
	5,395,206	05/07/1995	Cerny, Jr.	I	I	
	5,463,555	10/31/1995	Ward et al.	I	I	
TNN	5,472,309	12/05/1995	Bernard, II et al.	I	I	

## FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


Examiner:

Evan Nguyen

Date Considered

6/16/03

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PART OF PAPER #3

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**



Docket No. VTN-0546	Serial No. 09/903249
Applicant Gregory S. Duncan et. al.	
Filing Date July 11, 2001	Group Art Unit n/a

U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	5,555,504	09/10/1996	Lepper et al.	I	I	
	5,570,291	10/29/1996	Dudle et al.	I	I	
	5,488,223	01/30/1996	Austin et al.	I	I	
	5,497,701	03/12/1996	Uland	I	I	
	5,521,710	05/28/1996	Strossman et al.	I	I	
	5,564,841	10/15/1996	Austin et al.	I	I	
	5,584,118	12/07/1996	Furukawa et al.	I	I	
	5,607,187	03/04/1997	Salive et al.	I	I	
TNN	5,657,066	08/12/1997	Adams et al.	I	I	

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


Examiner: <i>Evan Nguyen</i>	Date Considered: 6/16/03
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

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SEP 18 2001  
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PART OF PAPER #2

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Docket No. VTN-0546	Serial No. 09/903249
	Applicant Gregory S. Duncan et. al.	
	Filing Date July 11, 2001	Group Art Unit n/a

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SEP 19 2001  
U.S. PATENT & TRADEMARK OFFICE  
MAIL DATE CANCELLED

U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
TNN	5,674,347	10/07/1997	Edwards et al.	I	I	
	5,720,157	02/24/1998	Ross			
	5,819,655	10/13/1998	Dellivenneri et al.			
	5,749,205	05/12/1998	Edwards et al.			
	5,834,706	11/10/1998	Christ			
	5,900,610	05/04/1999	Kelly, Jr.			
	5,953,234	09/14/1999	Singer et al.			
	5,996,316	12/07/1999	Kirschner			
TNN	6,015,167	01/18/2000	Savino et al.	I	I	

FOREIGN PATENT DOCUMENTS

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						<input type="checkbox"/>	<input type="checkbox"/>

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)


Examiner: <i>Luan M Nguyen</i>	Date Considered 6/16/03
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Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

Docket No.

VTN-0546

Serial No.

09/903249

Applicant

Gregory S. Duncan et. al.

Filing Date

July 11, 2001

Group Art Unit

n/a

## U.S. PATENT DOCUMENTS

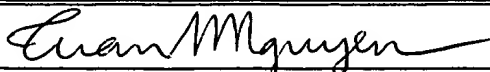
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TNW	4,120,629	10/17/1978	Christian et al.	I	I	
	5,461,570	10/24/1995	Wang et al.			
	5,307,261	04/26/1994	Maki et al.			
TNW	5,311,424	05/10/1994	Mukherjes et al.			

## FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

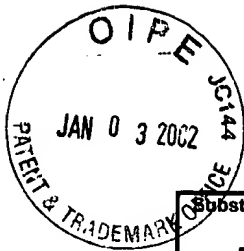

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6/16/03

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Part 848

PTO/SB/08A (08-08)

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	09/903,249
Filing Date	July 11, 2001
First Named Inventor	Gregory S. Duncan
Group Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	VTN-0546

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
TNN		5,536,128		Shimoyashiro et al.	07-16-1996	
		6,076,023		Sato	06-13-2000	
		6,140,922		Kakou	10-31-2000	
		5,333,983		Hatouchi et al.	08-02-1994	
		6,185,479		Cirrone	02-06-2001	
TNN		5,548,521		Krayer et al.	08-20-1996	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

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Examiner Signature	<i>Evan Nguyen</i>	Date Considered	6/16/03
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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 1 of 1

<b>Application Number</b>	09/903,249
<b>Filing Date</b>	July 11, 2001
<b>First Named Inventor</b>	Gregory S. Duncan et al.
<b>Group Art Unit</b>	3651
<b>Examiner Name</b>	K.H. Tran
<b>Attorney Docket Number</b>	VTN-546

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Evan Nguyen</i>	Date Considered	6/16/03
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Page 1 of 1

<b>Application Number</b>	09/903,249
<b>Filing Date</b>	July 11, 2001
<b>First Named Inventor</b>	G.S. Duncan et al.
<b>Group Art Unit</b>	3651
<b>Examiner Name</b>	K.H. Tran
<b>Attorney Docket Number</b>	VTN-546

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Examiner Signature	<i>Evan M. Myers</i>	Date Considered	6/16/03
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